

INDEX TO VOLUME XVIII

Agarwal, R. P., and Verma, A. Generalized basic hypergeometric series with unconnected bases (II)	181
Anderson, J. M. Boundary properties of meromorphic functions	103
Andrews, A. P. Modules over a one-dimensional Noetherian ring	65
Austin, A. K. A note on loops and laws	119
Birch, B. J., and McCann, K. A criterion for the p -adic solubility of diophantine equations	59
Brown, G. Relatively type 0 semi-algebras	289
Burkill, H. Some remarks on interval functions	47
Davenport, H. On a theorem of Heilbronn	339
Davies, E. B. On the Banach duals of certain spaces with the Riesz decomposition property.	109
Daykin, D. E., <i>see</i> Eliezer, C. J.	
Douglas, R. R. Homotopy-commutativity in H -spaces	263
Eastham, M. S. P. Conditions for the spectrum in eigenfunction theory to consist of $(-\infty, \infty)$	147
— Gaps in the essential spectrum associated with singular differential operators.	155
Eliezer, C. J., and Daykin, D. E. Generalizations and applications of Cauchy-Schwarz inequalities	357
Evans, W. D. Eigenfunction expansions associated with the Dirac relativistic equations (II)	239
Everitt, W. N. Singular differential equations II; some self-adjoint even order cases	13
Fadlalla, A. A. On the group of automorphisms of the euclidean hypersphere	97
Godwin, H. J. On Euclid's algorithm in some cubic fields with signature one	333
Hall, R. R. Three identities connected with the numbers 5 and 7	113
Hilton, A. J. W., and Milner, E. C. Some intersection theorems for systems of finite sets	369
Hunter, D. B. The reduction of a direct product of compound matrices	199
Jellett, F. On the direct sum decomposition of the affine space of a Choquet simplex	233
Loynes, R. M. On positive-definite families of operators	43
McCann, K., <i>see</i> Birch, B. J.	
McCleod, J. B. The analytic continuation of the Green's function associated with obstacle scattering	169
— The analytic continuation to the unphysical sheet of the resolvent kernel associated with the Schroedinger operator	219
Maddox, I. J. Spaces of strongly summable sequences	345
Mercer, A. McD. A class of bi-orthogonal expansions arising from the Sturm-Liouville equation	207

Milner, E. C., <i>see</i> Hilton, A. J. W.	
Mordell, L. J. The diophantine equation $x^4 + my^4 = z^2$	1
Morris, A. O. On a generalized Clifford algebra	7
Neumann, P. M. Splitting groups and projectives in varieties of groups	325
Okikiolu, G. O. Fractional integrals of the H_α -type	33
Pearl, M. H. A matrix proof of Farkas's theorem	193
Rayner, F. J. Pseudo-convergent sequences in a field with a rank one valuation	315
Robson, J. C. Pri-rings and ipri-rings	125
Sullivan, W. G. Concerning the sufficiency of hypervirial relations	285
Temple, G. The Heine-Borel theorem	367
Tharmaratnam, V. Complete primitive distributively generated near-rings	293
Verma, A., <i>see</i> Agarwal, R. P.	
Wille, R. J. The existence of a topological group with automorphism group C_7	53
Willett, R. A. A new identity between certain products of hypergeometric functions	361
Wynn, P. A general system of orthogonal polynomials	81

